4.   The personal computer system of claim 1, wherein the video sources comprise multiple

sources selected from the group consisting of MPEG, NTSC, CVD, CD and satellite broadcast

digital video signals.

5.   The personal computer system of claim 2, wherein the digital YUV video signal is

encoded with a correction factor that is compensated for in applying the corrective algorithms to

the digital YUV signal.

6. (Amended) A process comprising the steps of:

        receiving a YUV digital video signal;

        computationally applying gamma correction to the digital YUV signal within a personal

computer; and

        providing a corrected digital YUV signal to an output for connection to a display device.

7.   The process of claim 6 further comprising applying correction to the digital YUV signal

such that the correction comprises at least one of color saturation correction, tint correction,

brightness correction and contrast correction.

8.   The process of claim 6, further comprising a step of configuration of a software module

that configures the digital signal processor that corrects the digital YUV signal.

9.   The process of claim 6, wherein the received YUV digital video signal is provided by

video sources selected from the group consisting of MPEG, NTSC, CVD, CD and satellite

broadcast digital video signals.

10.   The process of claim 6, wherein the received digital YUV video signal is encoded with a

correction factor that is compensated for in applying gamma correction to the digital YUV signal.

11. (Amended) A personal computer system comprising: